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- ☐ 1. Document ID: JP 2975068 B2, JP 04116197 A Relevance Rank: 99

L13: Entry 1 of 1

File: DWPI

Nov 10, 1999

DERWENT-ACC-NO: 1992-179621

DERWENT-WEEK: 199953

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TITLE: Cationic electrodeposition painting - using paint contg.  
amine-added epoxy! resin, crosslinking agent and  
alkyl:etherised cpd. of benzoin

## PRIORITY-DATA:

1990JP-0235132

September 5, 1990

## PATENT-FAMILY:

| PUB-NO               | PUB-DATE          | LANGUAGE | PAGES | MAIN-IPC   |
|----------------------|-------------------|----------|-------|------------|
| JP 2975068 B2        | November 10, 1999 | N/A      | 007   | C25D013/10 |
| JP <u>04116197 A</u> | April 16, 1992    | N/A      | 005   | C25D013/10 |

INT-CL (IPC): C09D 5/44; C25D 13/10

ABSTRACTED-PUB-NO: JP 04116197A

## BASIC-ABSTRACT:

Process for electrodeposition painting an object involves using the object as the cathode and painting it with a cationic electrodeposition paint contg. an amine-added epoxy resin and a crosslinking agent as the resin components. The electrodeposition paint contains 100 pts. wt. of the solid resin content, 0.5-10 pts. wt. of an alkyletherised cpd. (1-10C) of benzoin and/or benzoin alone.

(claimed) The article to be painted is pref. sheet steel plated with an Fe-Zn alloydised plating.

USE/ADVANTAGE - Paint films obtd. are free from craters, partic. smooth and defect-free films on Fe-Zn alloy plated sheet steel. Used in motor cars, electrical appliances, etc.

|      |       |          |       |        |                |      |           |        |      |           |       |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|------|-----------|-------|
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